	RTIFICATE OF icant(s): 'Spangler	Docket No. 22 ARC9-2000-0079-US1		
1	Serial No. '09/669,680	Filing Date September 26, 2000	Examiner H. Herndon	Group Art Unit 2176
Inve	ntion: A METHOI	FOR ADAPTING A K-MEANS T	EXT CLUSTERING TO EM	ERGING DATA

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

William Scott Spangler

Serial No.: 09/669,680

Group Art Unit: 2176

Filed: September 26, 2000

Examiner: H. Herndon

For:

A METHOD FOR ADAPTING A K-MEANS TEXT CLUSTERING

TO EMERGING DATA

Assistant Commissioner of Patents Washington, D.C. 20231

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Submitted herewith are three (3) sheets of formal drawings comprising Figs. 1-3 for the above-referenced patent application. Acknowledgment of receipt is respectfully requested. Please substitute these formal drawings for the drawings which were filed with the application.

Respectfully Submitted,

Frederick W. Gibb, III

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